

Observations of Comets *d*, 1885 (*Fabry*), and *e*, 1885 (*Barnard*), made at the Royal Observatory, Greenwich.

(Communicated by the Astronomer Royal.)

The observations on March 11, March 23, April 1, and April 3, were made with the East or Sheepshanks Equatorial, aperture 6·7 inches, and those on March 9 with the Lassell Reflector, aperture 24 inches, by taking transits over two cross-wires at right-angles to each other, and each inclined 45° to the parallel of Declination.

Comet *d*, 1885.

Greenwich Mean Solar Time. 1886.	Observer.	♂-★ R.A.	Corr. for Par. & Refract. in R.A.	♂-★ N.P.D.	Corr. for Par. & Refract. in N.P.D.	No. of Comp.	Apparent R.A.	Apparent N.P.D.	Comp. Star.
		^m ^s	^s	['] ^{''}	^{''}		^h ^m ^s	[°] ['] ^{''}	
March 11 7 43 47	L.	+ 0 31.13	+ 0.16	+ 10 8.5	- 2.2	6	23 19 1.24	57 32 30.0	a
April 3 8 22 45	H.	- 3 16.37	+ 0.03	- 6 25.6	- 19.3	3	23 19 50.18	50 53 21.2	b

Comet *e*, 1885.

March 9 9 11 17	H. T.	+0 28·38	+0·24	— 0 26·5	— 3·9	4	1	54	15·62	66	41 56·5	<i>c</i>
23 8 40 49	H. T.	+0 8·08	+0·19	+ 7 5·0	— 2·8	5	1	51	38·96	62	9 18·5	<i>d</i>
April 1 8 39 8	H. T.	+1 2·75	+0·24	+ 1 19·4	— 3·9	4	1	50	16·67	58	56 31·5	<i>e</i>
3 9 16 39	H.	+0 41·77	+0·16	+ 2 42·0	— 2·9	3	1	49	51·72	58	10 47·1	<i>f</i>

Mean Places of Comparison Stars.

	Star's Name.	R.A. 1886 ^o .			N.P.D. 1886 ^o	Authority.
		h	m	s		
(a)	W. B. (2) XXIII. 346	23 18	30	74	57 22 20.6	Weisse's Bessel (2).
(b)	W. B. (2) XXIII. 457	23 23	7	09	50 59 59.3	Weisse's Bessel (2).
(c)	Arg. Zone, + 23° No. 266	1 53	47	45	66 42 22.3	Bonn Observations, Vol. IV.
(d)	W. B. (2) I. 1168	1 51	31	25	62 2 13.1	Weisse's Bessel (2).
(e)	Arg. Zone, + 30° No. 298	1 49	14	28	58 55 10.3	Bonn Observations, Vol. IV.
(f)	W. B. (2) I. 1095	1 49	10	41	58 8 2.2	Weisse's Bessel (2).

Notes.

- March 9. (e). Comet near Moon, but easily seen in finder.
March 11. (d). Comet very bright; a slight condensation to right of centre. No tail visible.
April 3. (d). Comet very bright.

The observations are corrected for parallax and refraction. The initials HT., L., and H., are those of Mr. Turner, Mr. Lewis, and Mr. Hollis respectively.

Errata in Monthly Notices, Vol. xlv. p. 303.

In column "Corr. for Par. and Refract. in N.P.D.," for -4.1, -2.5, -4.6, read -5.4, -3.8, -6.1, respectively.

In column "Apparent N.P.D.," for 58 43 15.8 read 58 43 14.5.
" 58 43 20.2 " 58 43 18.9.
" 58 43 8.9 " 58 43 7.4.

Royal Observatory, Greenwich: 1886, April 9.

Observations of Occultations by the Moon, 1884-5, and of Eclipses of the IVth Satellite of Jupiter, 1885, made at the Radcliffe Observatory, Oxford.

(Communicated by E. J. Stone, M.A., F.R.S., Radcliffe Observer.)

Occultations by the Moon.

Ref.	Day of Obs.	Phenomenon.	Moon's Limb.	Instrument.	Power used.	G.M.T. of Observation. h m s	Observer.
(a)	1884. July 3	Disapp. ζ Libræ	Dark	Equatorial	125	8 54 6.7	R.
(b)	Oct. 12	Reapp. 60 Cancri	"	"	110	17 30 14.5	R.
(c)	"	Disapp. α Cancri	Bright	"	"	17 59 17.3	R.
(d)	Dec. 4	Reapp. λ Geminorum	Dark	"	125	16 41 28.4	F. B.
(e)	1885. Jan. 21	Disapp. B.A.C. 57	"	"	"	5 37 45.3	R.
(f)	Feb. 20	Disapp. 38 Arietis	"	Helimeter	200	7 41 10.9	W.
(g)	"	"	"	Equatorial	125	7 41 11.3	R.
(h)	"	"	"	Marlborough	80	7 41 11.0	F. B.
(i)	March 27	Disapp. B.A.C. 3529	"	Equatorial	125	10 21 43.6	R.
(j)	"	Disapp. 43 Leonis	"	"	"	11 34 14.4	R.
	April 20	Disapp. λ Geminorum	"	Dollond	80	10 58 3.8	R.
(k)	22	Disapp. B.A.C. 3122	"	Equatorial	125	9 2 3.6	R.
(l)	"	"	"	Helimeter	200	9 2 3.3	F. B.
(m)	July 8	Disapp. Aldebaran	Bright (Near Mid-day)	"	80	23 21 40.9	W.
(n)	"	"	Bright	Equatorial	45	23 21 41.0	R.